

Title (en)
Camshaft phasing device for an internal combustion engine

Title (de)
Linearspannsystem

Title (fr)
Déphaseur d'arbre à cames de moteur à combustion interne

Publication
EP 1715143 A3 20091118 (DE)

Application
EP 06003222 A 20060217

Priority
DE 102005018956 A 20050423

Abstract (en)
[origin: EP1715143A2] The device has an adjustment gear unit with a drive part (4) that is fixed in a crankshaft, an output part (5) that is fixed in a camshaft and an adjustment shaft (8) that is connected with an adjustment mechanism shaft in a torque proof manner. The adjustment shaft is arranged in a radially rolling manner. A coupler (9) allows radial adjustment between the adjustment shaft and the adjustment mechanism shaft.

IPC 8 full level
F01L 1/352 (2006.01)

CPC (source: EP KR US)
F01L 1/34 (2013.01 - KR); **F01L 1/344** (2013.01 - KR); **F01L 1/352** (2013.01 - EP US); **F01L 2001/3521** (2013.01 - EP US); **F01L 2820/032** (2013.01 - EP US); **F16H 35/008** (2013.01 - EP US); **F16H 2001/2881** (2013.01 - EP US)

Citation (search report)

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- [X] WO 9500748 A1 19950105 - UNIV CLEMSON [US]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 06003222 A 20060217; DE 102005018956 A 20050423; JP 2006117915 A 20060421; KR 20060035979 A 20060421; US 37940106 A 20060420